

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Alpinia officinarum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1,7-DIPHENYL-5-HYDROXY-3-HEPTANONE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	1,7-DIPHENYL-5-HYDROXYHEPTAN-3-ONE	Rhizome				--
0	1,7-DIPHENYLHEPT-4-EN-3-ONE	Rhizome				--
67	1,8-CINEOLE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	1-(4-HYDROXYPHENYL)-7-PHENYLHEPTANE-3,5-DIOL	Rhizome		10.0		--
0	1-PHENYL-7-(4"-HYDROXYPHENYL)-HEPT-4-EN-3-ONE	Rhizome		8.0		--
0	1-PHENYL-7-(4'-HYDROXY-3'-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome				--
0	3,5,7-TRIHYDROXYFLAVONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	5-EPIDIHYDROYASHABUSHI KETOL	Rhizome		65.0		--
0	5-EPIHEXAHYDROCURCUMIN	Rhizome		5.0		--
0	5-HYDROXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		137.0		--
0	5-HYDROXY-1-PHENYL-7-(4"-HYDROXY-3"-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome		330.0		--
0	5-HYDROXY-7-(4"-HYDROXY-3"-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		367.0		--
0	5-HYDROXY-7-(4"-HYDROXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		30.0		--
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3-HEPT...	Plant				--
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-PHENYL-3-HEPTANONE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5-HYDROXY-7-(4'-HYDROXYPHENYL)-1-PHENYL-3-HEPTANONE	Rhizome				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
0	5-HYDROXY-7-(4'-HYDROXY-3-METHOXYPHENYL)-1-PHENYL-HEPTANONE	Plant				--
0	5-METHOXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		110.0		--
0	5-METHOXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		12.0		--
0	5-METHOXY-7-(4'-HYDROXY-3'METHOXYPHENYL)-1-PHENYL-3-HEPTA...	Plant				--
0	5-METHOXYPHENYL-7-(4"-HYDROXYPHENYL)-HEPTAN-3-ONE	Rhizome		4.0		--
0	7-(4"-HYDROXY-3'-METHOXY-PHENYL)-PHENYLHEPT-3,5-DIONE	Rhizome		1.6		--
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3,5-HEPTADIONE	Rhizome				--
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYLHEPT-4-EN-3-ONE	Rhizome		48.0		--
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-PHENYLHEPT-4-EN-3-ONE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	7-HYDROXY-3,5-DIMETHOXYFLAVONE	Rhizome				Wealth of India.
0	ALPHA-CADINENE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	ALPINOL	Rhizome				--
5	BETA-ELEMENE	Rhizome				Wealth of India.
13	BETA-PINENE	Rhizome				Wealth of India.
9	CAMPHENE	Rhizome				Wealth of India.
41	CAMPHOR	Rhizome				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	D-ALPHA-PINENE	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	DELTA-CADINENE	Rhizome				Wealth of India.
0	DIARYLHEPTANOIDS	Rhizome				--
0	DIHYDROYASHABUSHIKETOL	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	DIOXYFLAVONAL	Plant				--
0	EO	Rhizome	3000.0	10000.0	-0.5317116167359565	--
76	EUGENOL	Rhizome	90.0	400.0	-0.6979831170877149	--
3	FLUORIDE	Rhizome		5.4	-1.0	--
13	GALANGIN	Rhizome		1000.0		--
0	GALANGIN-3-METHYL-ETHER	Rhizome				--
0	GALANGOL	Rhizome				--
0	GAMMA-CADINENE	Rhizome				Wealth of India.
0	GINGEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
11	ISORHAMNETIN	Rhizome				Wealth of India.
0	IZALPIN	Rhizome				--
0	KAEMPFERID	Rhizome	600.0	800.0		--
5	KAEMPFERIDE	Rhizome	600.0	800.0		--
75	KAEMPFEROL	Rhizome				--
60	LIMONENE	Rhizome				Wealth of India.
0	LINALOL	Rhizome				--
53	LINALOOL	Rhizome				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	MANGANESE	Plant				--
5	METHYL-CINNAMATE	Plant				--
2	METHYL-ISOVALERATE	Rhizome				Wealth of India.
16	P-CYMENE	Rhizome				Wealth of India.
1	PHENYL-ALKYL-KETONES	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
176	QUERCETIN	Rhizome				--
2	QUERCETIN-3'-METHYLETHER	Rhizome				Wealth of India.
7	RHAMNOCITRIN	Rhizome				Wealth of India.
5	STARCH	Rhizome	200000.0	250000.0	-1.1706719629335678	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	STEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
35	TANNIN	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
23	TERPINEN-4-OL	Rhizome				Wealth of India.
0	TRANS-ALPHA-BERGAMOTENE	Rhizome				Wealth of India.
0	YAKUCHINONE	Rhizome				--